

APPROVALS	DATE
DRAWN: JEFF CLARKE	20 SEPT 2010
CHECKED: E. BURGOIN	23 SEPT 2010
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ON: DECIMALS ANGLES X.XXX ±0.010 ±1/2° X.XX ±0.03 X.X ±0.1	

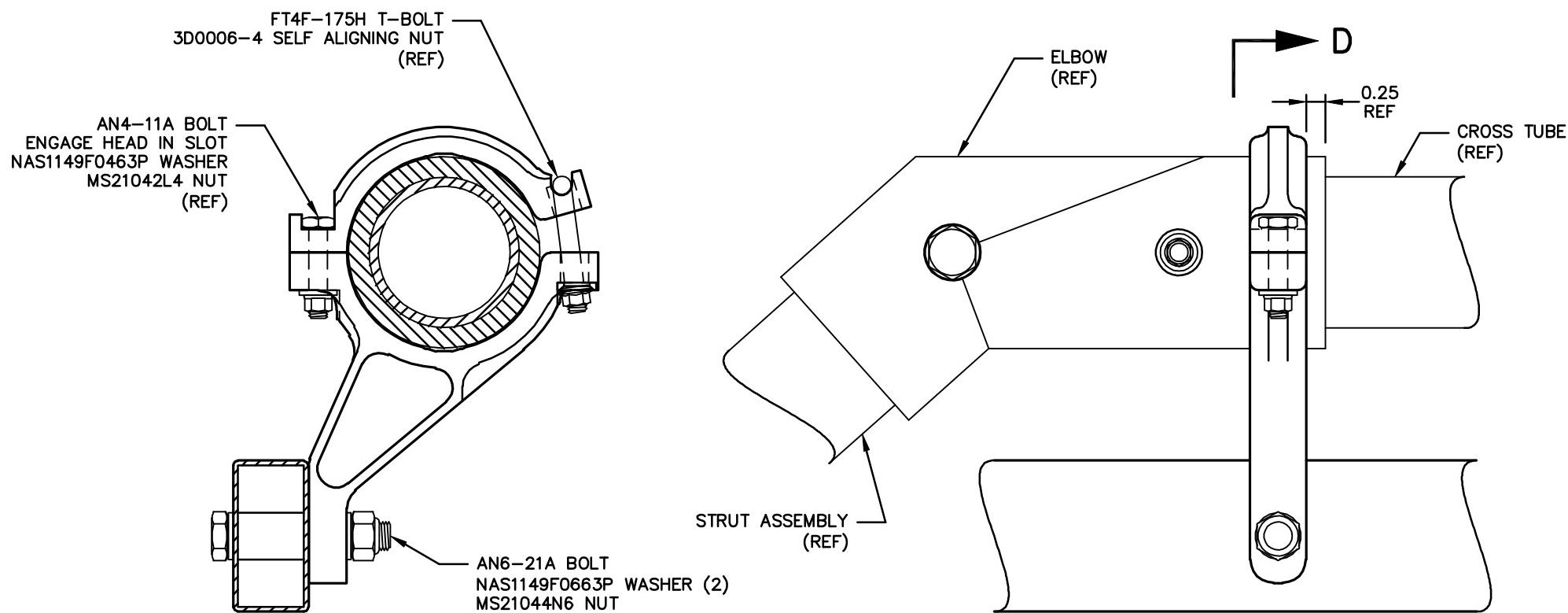


AERO DESIGN LTD.

9888A MALASPINA ROAD
POWELL RIVER, BC, CANADA, V8A 0G3
TEL: 604.483.2376 www.aerodesign.ca

ROBINSON R44, R44 II
QUICK RELEASE CARGO BASKET
ATTACHMENT PROVISIONS INSTALLATION

NOT TO SCALE	DWG. SIZE	DWG. NO.	REV.
SHEET 1 OF 4	A4	90602	2



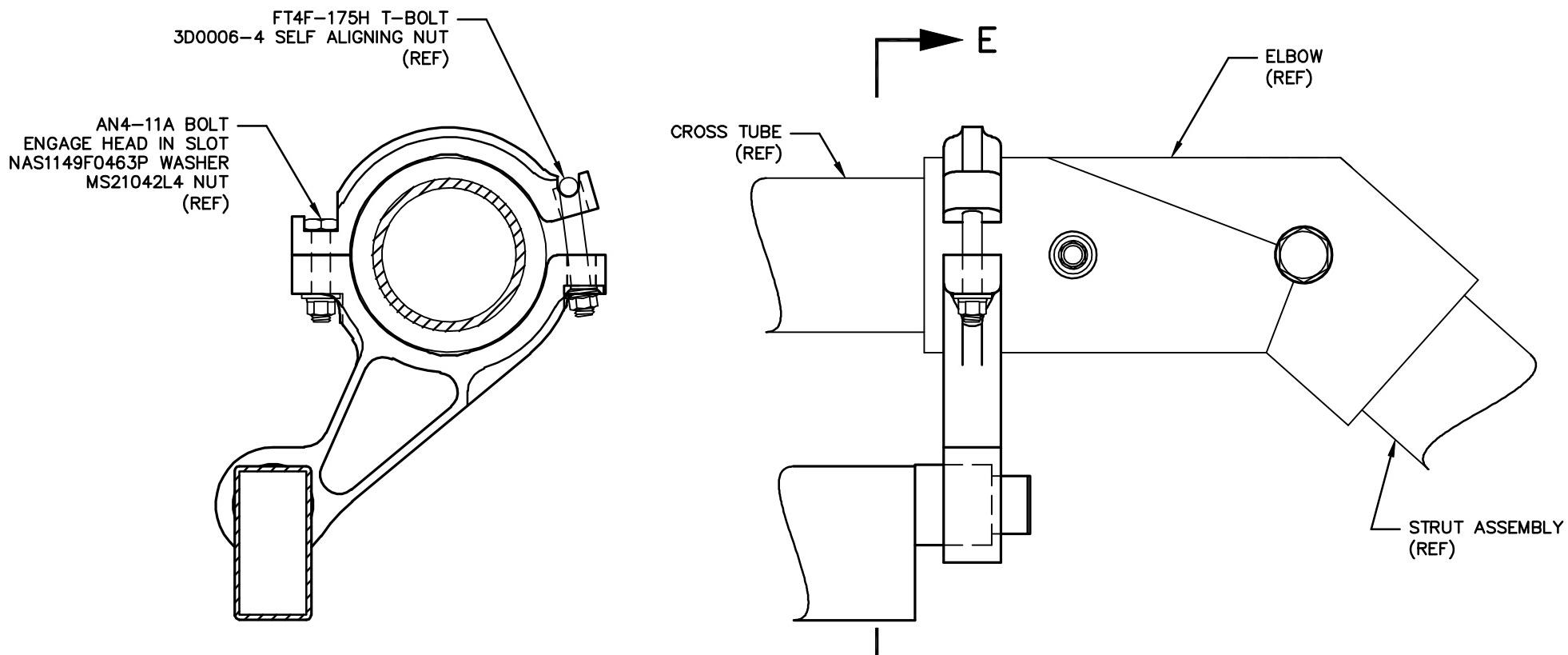
SECTION D-D

LOOKING INBOARD FROM RIGHT

DETAIL B

ATTACHMENT CLOSE TO BASKET, LOOKING AFT
RIGHT SIDE SHOWN, LEFT SIDE OPPOSITE
FORWARD AND AFT INSTALLATION SAME

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SHEET 2 OF 4	A4	90602	2		

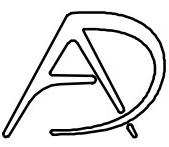


SECTION E-E

LOOKING OUTBOARD FROM RIGHT

DETAIL C

ATTACHMENT FAR FROM BASKET, LOOKING AFT
RIGHT SIDE SHOWN, LEFT SIDE OPPOSITE
FORWARD AND AFT INSTALLATION SAME

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NOT TO SCALE	DWG. SIZE	DWG. NO.	REV.	A4	90602
SHEET 3 OF 4					2

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REV.	DESCRIPTION OF CHANGE	INITIALS	DATE
0	ORIGINAL ISSUE		
1	TITLE BLOCK UPDATED; HARDWARE PART NUMBERS UPDATED	BJC	22/05/2014
2	LANDING GEAR P/N'S INSERTED IN NOTE 1; CLAMP HARDWARE UPDATED	BJC	16/01/2017

NOTES:

1. THIS INSTALLATION APPLIES TO HELICOPTERS FITTED WITH LANDING GEAR ASSEMBLY - STANDARD (C014-8) OR LANDING GEAR ASSEMBLY - EXTENDED (C014-22). FOR LATER MODEL LANDING GEAR, REFER TO DRAWING 90603. THIS INSTALLATION IS NOT COMPATIBLE WITH FIXED OR POP-OUT FLOATS.
2. STRUT FAIRINGS (C082-XX) MUST BE REMOVED IF INSTALLED. REFER TO R44 MAINTENANCE MANUAL, SECTION 5.410. FORWARD CROSS TUBE COVER (C475-5) MUST BE REMOVED. LEAVE CHANNELS (C388-3) IN PLACE.
3. REMOVAL OF BEAMS LEAVING CLAMPS IN PLACE IS AN APPROVED CONFIGURATION FOR FLIGHT.
4. SEE FLIGHT MANUAL SUPPLEMENT, FMS906.90, FOR LIMITATIONS ON HELICOPTER OPERATIONS WITH CARGO BASKET INSTALLED.
5. SEE INSTRUCTIONS FOR CONTINUED AIRWORTHINESS, ICA906.91, FOR MAINTENANCE INFORMATION.

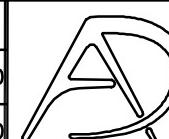
WEIGHT AND BALANCE						
ITEM	DESCRIPTION	WEIGHT (LB)	LONGITUDINAL ARM (IN)	MOMENT (LB-IN)	ARM (IN)	LATERAL MOMENT (LB-IN)
02/03	CLAMPS (4)	1.6	99.7	159.5	-0.7	-1.0
04/05	BEAMS (FORWARD AND AFT)	10.0	101.5	1015.0	8.5	85.0
01	PROVISIONS INSTALLATION (TOTAL)	11.6	101.3	1174.5	7.2	84.0

2	2	MS21044N6		NUT
4	4	NAS1149F0663P		WASHER
2	2	AN6-21A		BOLT
1	1	90631-01-00	05	AFT BEAM
1		90630-01-02	04	FORWARD BEAM (LH)
	1	90630-01-01	04	FORWARD BEAM (RH)
2		90620-02-02	03	CLAMP ASSEMBLY (FAR, LH)
	2	90620-02-01	03	CLAMP ASSEMBLY (FAR, RH)
2	2	90620-01-00	02	CLAMP ASSEMBLY (CLOSE)
		90602-01-02	01	PROVISIONS INST'N (LH)
		90602-01-01	01	PROVISIONS INST'N (RH)
-02	-01	PART NO.	ITEM	DESCRIPTION
QTY.		LIST OF MATERIALS		

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